





Sujay Kumar

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Summary

Dynamic Computer Science student with expertise in MERN Stack and DevOps, delivering innovative web solutions. Proficient in crafting responsive, high-performance websites and mastering Go for scalable, robust backend systems. Passionate about driving technological advancements and optimizing user experiences.

Education

KIIT University <i>B.Tech, Computer Science and Engineering</i>	Bhubaneswar, Odisha <i>Expected Sep 2026, CGPA: 8.11/10</i>
St. Joseph School <i>12th Grade (ISC)</i>	Bhagalpur, Bihar <i>Jun 2022, 77.8%</i>
Mount Assisi School <i>10th Grade (ICSE)</i>	Bhagalpur, Bihar <i>Jun 2020, 85.17%</i>




Skills

Programming Languages: C, Java, JavaScript, TypeScript, Python, ABAP
Web Technologies: HTML5, CSS3, Tailwind CSS, React.js, Next.js, Node.js, Express.js, RESTful APIs, SAP
Databases & Tools: MongoDB, PostgreSQL, Firebase, Supabase, Prisma ORM, Postman
DevOps & Cloud: Git, GitHub, GitHub Actions, Google Cloud Platform, Cloudflare, Docker, AWS - EC2

Professional Experience

IIT Kharagpur Research Collaborator	2025 – Present
<ul style="list-style-type: none">Collaborated with PhD students to develop a proxy index for measuring renewable energy market trends by creating a data pipeline.Utilized generative AI to create signaling keywords, integrated into a data pipeline for scraping the Scopus database, saved results to Excel, and visualized market trends.	
KIIT E-Cell Full Stack Developer	Sep 2024 – Present
<ul style="list-style-type: none">Engineered a MERN Stack course dashboard, streamlining onboarding processes and enhancing user engagement.Integrated Google Sheets API for real-time leaderboard automation, reducing manual updates.Optimized application performance, reducing load times to deliver a seamless user experience.	
AGT Pvt Ltd Full Stack Developer	Dec 2024 – April 2025
<ul style="list-style-type: none">Developed responsive UI components for photonBoxx, improving mobile responsiveness. Contribution LinkResolved critical UI bugs, boosting application uptime and enhancing user satisfaction.Streamlined CRUD operations for HobbyCue admin routes, increasing backend efficiency. Contribution Link	

Key Projects

E-Cell Cohort  MERN Stack, Real-Time Web App	2024
<ul style="list-style-type: none">Developed a full-featured MERN Stack platform with real-time updates, improving user engagement at KIIT E-Cell.Automated leaderboard system, reducing administrative overhead and enhancing operational efficiency.	
AlignResume  MERN Stack, AI-Powered Resume Tool	2024
<ul style="list-style-type: none">Built a platform for students to upload resumes, gain insights, and interact via a bot for resume analysis against job descriptions.Implemented features for generating cover letters and partially automating job application processes, enhancing user efficiency.	
ToDoAgent  MERN Stack, Productivity Tool	2023
<ul style="list-style-type: none">Built a prompt-based task management tool, improving team productivity through streamlined workflows.Deployed on Render with scalable architecture, ensuring high uptime and reliable performance.	

Extracurricular Achievements

National Basketball Player Competitive Athlete	2018 – Present
<ul style="list-style-type: none">Represented state and college in national basketball tournaments, demonstrating leadership and teamwork under pressure.	
Smart India Hackathon 2024 National-Level Competitor	2024
<ul style="list-style-type: none">Secured Top 50 position among college teams, showcasing problem-solving and collaborative innovation.	